

09/701313

528 Rec'd PCT/PTO 28 NOV 2000

WO 99/61477

PCT/EP99/03392

1

SEQUENCE LISTING

<110> Bayer AG

<120> Monoclonal antibody and assay for detecting PIIINP

<130> MoAb and assay for detecting PIIINP

<140> 98109688.6

<141> 1998-05-28

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 519

<212> DNA

<213> Primer

<400> 1

atgatgagct ttgtcaaaaa ggggagctgg ctacttctcg ctctgcttca tcccaactatt 60
atttggcac aacaggaagc tggtaaggaa ggatgttccc atcttggtca gtcctatgcg 120
gataagatg tctggaagcc agaaccatgc caaatatgtg tctgtgactc aggatccgtt 180
ctctgcgtatg acataatatg tgacgatcaa gaattagact gccccaaaccc agaaaattcca 240
tttggagaat gttgtgcagt ttgcccacag cctccaaactg ctcctactcg ccctcctaatt 300
ggtaaggac ctcaaggccc caagggagat ccagggccctc ctggtatcc tgggagaaat 360
ggtgaccctg gtattccagg acaaccaggg tcccctggtt ctccctggccc ccctggaaatc 420
tgtgaatcat gccctactgg tcctcagaac tattctcccc agtatgattc atatgatgtc 480
aagtctggag tagcagtagg aggactcgca ggctatcct 519

<210> 2

<211> 173

<212> PRT

<213> Human

<400> 2

Met Met Ser Phe Val Gln Lys Gly Ser Trp Leu Leu Leu Ala Leu Leu
1 5 10 15

His Pro Thr Ile Ile Leu Ala Gln Gln Glu Ala Val Glu Gly Gly Cys
20 25 30

Ser His Leu Gly Gln Ser Tyr Ala Asp Arg Asp Val Trp Lys Pro Glu
35 40 45

Pro Cys Gln Ile Cys Val Cys Asp Ser Gly Ser Val Leu Cys Asp Asp
50 55 60

Ile Ile Cys Asp Asp Gln Glu Leu Asp Cys Pro Asn Pro Glu Ile Pro
65 70 75 80

Phe Gly Glu Cys Cys Ala Val Cys Pro Gln Pro Pro Thr Ala Pro Thr
85 90 95

Arg Pro Pro Asn Gly Gln Gly Pro Gln Gly Pro Lys Gly Asp Pro Gly
100 105 110

Pro Pro Gly Ile Pro Gly Arg Asn Gly Asp Pro Gly Ile Pro Gly Gln
115 120 125

Pro Gly Ser Pro Gly Ser Pro Gly Pro Pro Gly Ile Cys Glu Ser Cys
130 135 140

Pro Thr Gly Pro Gln Asn Tyr Ser Pro Gln Tyr Asp Ser Tyr Asp Val
145 150 155 160

Lys Ser Gly Val Ala Val Gly Gly Leu Ala Gly Tyr Pro
165 170

<210> 3

<211> 31

<212> DNA

<213> Primer

<220>

<223> Description of Unknown Organism:Primer

<400> 3

cgcgggtacc aaggggagct ggctacttct c

31

<210> 4

<211> 30

<212> DNA

<213> Primer

<220>

<223> Description of Unknown Organism:Primer

<400> 4

cgcgctgcag tgtgactcag gatccgttct

30

<210> 5

<211> 29

<212> DNA

<213> Primer

3

<220>

<223> Description of Unknown Organism:Primer

<400> 5

cgcgaagctt aggggaccct gttgtcct

29

<210> 6

<211> 31

<212> DNA

<213> Primer

<220>

<223> Description of Unknown Organism:Primer

<400> 6

cgcgggtacc caggaagctg ttgaaggagg a

31

<210> 7

<211> 31

<212> DNA

<213> Primer

<220>

<223> Description of Unknown Organism:Artificial

<400> 7

cgcgaagctt aggatagcct gcgagtcctc c

31

<210> 8

<211> 24

<212> PRT

<213> Human

<400> 8

Met Arg Gly Ser His His His His His Gly Ser Ala Cys Glu Leu
1 5 10 15

Gly Thr Gln Glu Ala Val Glu Gly

20

<210> 9

<211> 24

<212> PRT

<213> Human

<400> 9
Met Arg Gly Ser His His His His His Gly Ser Ala Cys Glu Leu
1 5 10 15

Gly Thr Gln Glu Ala Val Glu Gly
20

<210> 10
<211> 24
<212> PRT
<213> Human

<400> 10
Met Arg Gly Ser His His His His His His Thr Asp Pro His Ala Ser
1 5 10 15
Ser Val Pro Arg Val Asp Leu Gln
20

<210> 11
<211> 21
<212> PRT
<213> Human

<400> 11
Gly Ser Pro Gly Pro Pro Gly Ile Cys Glu Ser Cys Pro Thr Gly Pro
1 5 10 15
Gln Asn Tyr Ser Pro
20

<210> 12
<211> 14
<212> PRT
<213> Human

<400> 12
Ile Cys Glu Ser Cys Pro Thr Gly Gly Gln Asn Tyr Ser Pro
1 5 10

<210> 13
<211> 31
<212> DNA
<213> 'Axial Seamount' polynoid polychaete

<400> 13

5

cgcgaagctt gggagaatag ttctgaggac

30